

1134. Armstrong Number Premium

Solved ●

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Given an integer `n`, return `true` if and only if it is an **Armstrong number**.

The `k`-digit number `n` is an Armstrong number if and only if the `kth` power of each digit sums to `n`.

Example 1:

Input: `n = 153`**Output:** `true`**Explanation:** 153 is a 3-digit number, and $153 = 1^3 + 5^3 + 3^3$.

Example 2:

Input: `n = 123`**Output:** `false`**Explanation:** 123 is a 3-digit number, and $123 \neq 1^3 + 2^3 + 3^3 = 36$.

Constraints:

- `1 <= n <= 108`

Seen this question in a real interview before? 1/5

Yes No

Accepted **39.2K** Submissions **50.3K** Acceptance Rate **77.8%**

Topics



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Hint 1



Hint 2



Hint 3



Discussion (1)



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